



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zeng et al. Examiner: unassigned  
Serial No.: 09/788,267 Group Art Unit: 2151  
Filed: February 16, 2001 Docket No.: New: STFD.058PA  
Old: STFUP017  
Title: CROSSTALK IDENTIFICATION IN XDSL SYSTEMS

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the papers, as described herein, is being deposited with the United States Postal Service as First Class Mail on the date indicated below and is addressed to: Assistant Commissioner of Patents, Washington, DC 20231 on January 1, 2003.

By: 

Bridget M. Hayden

**REVOCATION AND POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

**COPY**

Sir:

Please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the U.S.

Patent and Trademark Office in connection therewith:

**RECEIVED**

**MAY 20 2003**

Robert J. Crawford, Reg. No. 32,122

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Technology Center 2100

and other attorneys of Crawford Maunu PLLC

**Certificate Under 37 C.F.R. § 3.73(b)**

The Board of Trustees of the Leland Stanford Junior University, an entity organized and existing under the laws of the State of California, having a place of business at 1705 El Camino Real, Palo Alto, California 94306, certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment recorded at Reel 011856, Frame 0677, (copy attached) from the inventors of the patent application identified above.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned is empowered to sign this statement on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under Section 1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Please direct all correspondence in this application to:

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Date: 12/30/02

By: Katharine Ku

Katharine Ku

Title: Director of Office of Technology

and Licensing, Stanford University